

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
Watson-4

Total Pages in this Submission
36

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

PILOTED DIRECTIONAL CONTROL VALVE

and invented by:

Richard R. Watson

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 24 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 3
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CFR)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EV 318665667 US

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17. ☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:

1. The first group of respondents (Group 1) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 12 months. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

2. The second group of respondents (Group 2) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 6 months. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

3. The third group of respondents (Group 3) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 3 months. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

4. The fourth group of respondents (Group 4) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 month. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

5. The fifth group of respondents (Group 5) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 week. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

6. The sixth group of respondents (Group 6) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 day. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

7. The seventh group of respondents (Group 7) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 hour. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

8. The eighth group of respondents (Group 8) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 minute. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

9. The ninth group of respondents (Group 9) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 second. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

10. The tenth group of respondents (Group 10) consisted of 10 individuals who were members of the local community and had been involved in the project for a period of 1 millisecond. They were selected through a purposive sampling method to ensure that they had a range of experiences and perspectives.

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	20	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$43.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$385.00

- ☒ A check in the amount of \$385.00 to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-4345 as described below.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: April 12, 2004


Signature

Loren G. Helmreich, Reg. No. 29,389
Browning Bushman P.C.
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Houston, TX 77057
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cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Richard R. Watson**

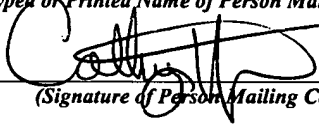
Docket No.

Watson-4Serial No.
To Be AssignedFiling Date
HerewithExaminer
To Be AssignedGroup Art Unit
To Be AssignedInvention: **Piloted Directional Control Valve**

I hereby certify that the following correspondence:

Utility Patent Application and all related enclosures*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 12, 2004*(Date)***Cathy Hayes***(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EV 318665667 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**